



CAVIWIPES™ 1

TECHINCAL BULLETIN

EPA REG. NO. 46781-13

Product Description

CaviWipes1™, a multi-purpose disinfectant/decontaminant wipe, can be used on hard, non-porous surfaces. CaviWipes1 contains durable, nonwoven, nonabrasive wipes presaturated with CaviCide1™. When used as directed, fragrance-free CaviWipes1 will effectively clean and disinfect surfaces and can help reduce the risk of cross-contamination.



Active Ingredients

Didecyldimethylammonium chloride	0.76%
Ethanol	7.50%
Isopropanol	15.00%
Other Ingredients†	76.74%
Total	100.00%

[† Does not include the weight of the towelette]

NFPA Rating: Fire: 3 Health: 2 Instability: 0

Efficacy

Tuberculocidal Efficacy Studies

Mycobacterium bovis BCG (TB)

Contact time tested	1 minute
Test Method	Testing Pre-Saturated or Impregnated Towelettes for Tuberculocidal Effectiveness. (810.2000, 810.2200)
Organic soil load	5% Organic load
Test Results	PASS

Pathogenic Fungi

Microorganism

Candida albicans [ATCC 10231]

Contact time tested	1 minute
Test Method	AOAC Germical Spray Products as Disinfectants - Presaturated towelletes modification.
Organic soil load	5% Organic load
Test Results	

Bactericidal Efficacy Studies

Bacteria

Staphylococcus aureus [ATCC 6538]¹
Pseudomonas aeruginosa [ATCC 15442]¹
Salmonella enterica [ATCC 10708]¹
 Carbapenem-Resistant *Klebsiella pneumoniae* [(CRKP)] [(CRE)] [ATCC BAA-2470]
 ESBL *Escherichia coli* [ESBL E. coli] [ATCC BAA-196]
 Methicillin Resistant *Staphylococcus aureus* (MRSA) [ATCC 33592]
 Methicillin Resistant *Staphylococcus epidermidis* (MRSE) [ATCC 51625]
 Multi-drug resistant [MDR] *Acinetobacter baumannii* [ATCC BAA-1605]
 Vancomycin Intermediate *Staphylococcus aureus* [VISA] [ATCC 700699]
 Vancomycin Resistant *Enterococcus faecalis* (VRE) [ATCC 51299]
Burkholderia cepacia [ATCC 25416]
Enterobacter cloacae [ATCC 13047]
Klebsiella pneumoniae [ATCC 4352]

Contact time tested
 Test Method
 Test Method¹
 Organic soil load
 Test Results

1 minute

AOAC Germical Spray Products as Disinfectants - Presaturated towelletes modification.
 Testing Pre-Saturated or Impregnated towelettes for Hard Surface Disinfection, Healthcare
 5% Organic load
 PASS

Virucidal Efficacy Studies

Virus

Hepatitis B Virus (HBV - Duck Hepatitis surrogate)
 Hepatitis C Virus (HCV - strain NADL)
 Influenza A Virus (H3N2, Hong Kong 8/68)
 Herpes Simplex Virus Type 1 [ATCC VR-260]
 Herpes Simplex Virus Type 2 [ATCC VR-734]
 Human Immunodeficiency Virus Type 1 (HIV-1)
 Human Coronavirus (229E strain) [ATCC VR-740]
 Adenovirus Type 2 [Adenoid 75, ATCC VR-5]*

Contact time tested
 Test Method
 Organic soil load
 Test Results

1 minute (*: 3 minute)

Germicidal Spray Products as Disinfectants, towelette modification
 (OCSPP 810.2000, OCSPP 810.2200)
 5% Organic load
 PASS

Toxicity

Study	Category	Test Guideline	Test Results
Acute Eye Irritation	Category II	OCSPP 870.2400	Moderately irritating
Acute Dermal Irritation	Category IV	OCSPP 870.2500	Slightly irritating
Acute Inhalation	Category IV	OCSPP 870.1300	LC50 exceeds 2.16 mg/ml
Acute Dermal Toxicity	Category IV	OCSPP 8700.1200	LD50 exceeds 5050 mg/kg
Acute Oral Toxicity	Category IV	OCSPP 870.1100	LD50 exceeds 5000 mg/kg
Skin Sensitization	Product is not a sensitizer	OCSPP 870.2600	No irritation. Not a sensitizer

Chronic Hazards: None expected.

Carcinogen: None of the components are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.